

Department of Energy

Fermi Site Office Post Office Box 2000 Batavia, Illinois 60510

February 20, 2019

Illinois Environmental Protection Agency Bureau of Land #24 Annual Reports and Data Collection Unit 1021 North Grand Avenue East P.O. Box 19276 Springfield, IL 62794-9276

Dear Sir/Madam:

SUBJECT: HAZARDOUS WASTE ANNUAL REPORT AND PAYMENT OF PERMIT AND

INSPECTION FEES FOR 2018, FERMI NATIONAL ACCELERATOR

LABORATORY, IEPA # 0890105010

Reference:

E-mail, H. Wright to M. Weis, dated January 11, 2019, Subject: "Hazardous

Waste Annual Report Reminder, Fermi National Accelerator Laboratory

(Fermilab), Batavia, IL IEPA # 0890105010"

Enclosed please find an electronic copy of Fermilab's Hazardous Waste Annual Report for 2018 along with hard copies of the certification page and comment pages. Also enclosed is the annual permit and inspection fee report along with check number 1027491 for \$500 payable to the "Illinois Environmental Protection Agency" to cover the subject permit and inspection fees.

If you have any questions, please contact Rick Hersemann, of my staff, at (630) 840-4122.

Sincerely,

Michael J. Weis Site Manager

Enclosures: As Stated

CC:

N. Lockyer, Fermilab, w/o encl.

A. Kenney, Fermilab, w/o encl.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST; P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

Division of Land Pollution Control Annual Payment of Permit and Inspection Fees Hazardous Waste Management Facility Storing Hazardous Waste other than in a Surface Impoundment or Pile Report

P

Site Name: Fermi National Accelerator Laboratory
Site Address:* P.O. Box 500, Kirk and Pine Streets Batavia, IL 60510
IEPA Site Number: <u>0890105010</u>
Annual Fee Due: \$500,00. Signature:
Date: Department of Energy Sik Ofthe Manager Date: 2/20/2019
Date: 2/20/2019
'if mailing address is different from the site address, please complete the following:
Company Name:
Contact Person;
Mailing Address:

This agency is authorized to require this information under illinois Revised Statues, 1987, as amended by Public Act 85-1343, Section 22-8. Disclosures of this information are required. Failure to do so may result in a civil penalty up to \$10,000 and an additional civil penalty up to \$1,000 for each day the failure continues and imprisonment up to one year. This form has been approved by the Forms Management Center.

4302 N. Main St., Rockford, II. 61 103 (8) 5) 987-7760 595 S. State, Figin, II. 60123 (847) 608-3131 2125 S. First St., Champaign, II. 61820 (217) 278-8800 2009 Mail St., Colliniville, II. 62234 (618) 346-5120

9511 Hardson St., Das Pioleus, IL. 60016 [847] 294-4000 412 SW Walkington St., Sutte D, Peorta, IL 61602 (309) 671-3022 2309 W. Main St., Suite 116, Marion, IL 62959 (618) 993-7200 100 W. Randolph, Suite 10-300, Clitago, IL 60601 (312) 814-6026

Certification to be submitted with electronic data submissions

Please remember to submit the \$500 fee along with this certification and the electronic files. Please do not submit printed reports.

			For Agency Us Fee Enclosed	e Only: 1 No Fee Enclosed
Company USEPA II	O number:	IL6890030046	<u> </u>	
Company IEPA 1D r	umber:	0890105010		
Annual Hazardous \ Electronic data subr		2018		
Form types on the e	lectronic data subi	nission and number of p	ages for each type	عَادُ
Form IC:	1 Pages			
Form GM	: 16 Pages			
Form TI:	1 Pages			
Form WR:	0 Pages	(Receiving facilities	only)	
The enclosed	data files has pas	sed the edits contained i	in the software.	
X The enclosed con	l data file did not nments pages.	pass the edits contained	in the software, e	xplanations are included in
COST ESTIMATES	FOR FACILITIE	S, interim status and per	mitted	
A. Closure cost estin	nate: \$, 256 , 643 .	00	
B. Estimate for post	closure monitorin	g and maintenance costs	disposal faciliti	es only):
	\$	·		
Any person who kno the Illinois EPA com (415 ILCS 5/44(h))	ovingly makes a fe units a Class 4 fel	dse, flotitious, or fraudu ony. A second or subseq	lent material state uent offense after	ement, orally or in writing, to conviction is a Class 3 felon
Certification:				
in the attached electi	ronic data submiss re that there are si	sion. I believe that the si	ibmitted informat	vith the information submitted ion is true, accurate and formation, including the
Please print/type:				
	A. Last name	Weis	First Name	Michael
	B. Title	Site Manager Fern	ni Site Office	
	C. Telephone	630-840-3281/	Email address	michael.weis@science.doe.gov
	D. Signature	Mullin	•	
	E. Date of signa	ture <u>2/20/2019</u>		

The Environmental Protection Agency is authorized to require this information under the Illinois Compiled Statutes (>ILCS@), 1994 as amended, Chapter 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to disclose this information may result in civil and criminal penalties pursuant to 415 ILCS 5/42 and 44. This form has been approved by the Forms Management Center.



Fermi National Accelerator Laboratory

Date: 02/19/2019

Mr. Michael J. Weis

Site Manager

Fermi Site Office

U.S. Department of Energy

P. O. Box 2000

Batavia, Illinois 60510

U.S.A.

2018 Hazardous Waste Report

Dear Mr. Weis,

Amber M. Kenney Chief Safety Officer

tamber@fnal.gov

ES&H Section P.O. Box 500, MS 119 Kirk Road and Pine Street Batavia, Illinois 60510-5011 USA Office: 630.840.2977 Fax: 630.840.3390

Enclosed please find an electronic copy of the Hazardous Waste Annual Report for CY 2018. The certification page must be signed and forwarded to the Illinois Environmental Protection Agency (IEPA) at the address below along with our check for the annual fee, electronic data file and hard copies of the comment pages. A hard copy of the entire submission is provided for your records.

Illinois Environmental Protection Agency Bureau of Land #24 Post Office Box 19276 Springfield, Illinois 62794-9276

If you have any questions, please contact Amy Pavnica at ext. 8493.

Sincerely

Amber M. Kenney Chief Safety Officer

cc: N. Lockyer, w/o encl.

K. Gregory, w/o encl.

ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report B.O.L. Inventory Data / Addresses

US EPA ID:

IL6890030046

IL EPA ID:

0890105010

Facility Location

Send Mail Here?

N

Company

FERMI NATIONAL ACCELERATOR LAB

Name:

Telephone: 6308408493

P.O.Box: 500

Street Address: WILSON RD

City, State, Zip: **BATAVIA** 60510

Contact Person: Amy Pavnica

Owner Address

Send Mail Here?

Y

N

Company US DEPT OF ENERGY

P.O.Box: 2000

Telephone: Street Address:

Name:

6304444122 KIRK & PINE

BATAVIA

IL

IL

60510

City, State, Zip: Contact Person:

RICK HERSEMANN

Send Mail Here?

Operator Address

FERMI RESEARCH ALLIANCE LLC

Company Name:

Telephone: 6304444498

P.O.Box: 500

Street Address:

KIRK & PINE

City, State, Zip:

BATAVIA

ΙL

60510

Contact Person:

DAVID HOCKIN

Annual Report Mailing Address

Company

US DEPT OF ENERGY (FERMILAB)

Name:

Telephone:

6303333281

P.O.Box: 2000

Street Address:

KIRK & PINE

City, State, Zip:

BATAVIA

IL

60510

First Name

Last Name

Title

Contact Person:

MICHAEL

C

Email Address:

WEIS

Validated

ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report Form IC -- Identification and Certification

US. EPA ID: 1L6890030046

IL. EPA ID: 0890105010

HAZARDOUS WASTE

RCRA Generator Status: 1	N Transporter of Hazardous Waste N Transfer Facility (at your site)
Generator Activities	Y Treater, Storer, or Disposer of Hazardous Waste N Recycler of Hazardous Waste (at your site)
N United States Importer of Hazardous — Waste Y Mixed Waste(hazardous&radioactive)	Exempt Boiler and/or Industrial Furnace: N Small Quantity On-Site Burner exemption
— Generator	N Smelting, Melting Refining Furnace exemption N Underground Injection Control

Universal Waste Activities	Used Oil Activities
Y Large Quantity Handler (5000 kg)	N Used Oil Transporter N Used Oil Transfer Facility
Mana Batteries X	N Used Oil Processor
Pesticides	N Used Oil Re-refiner
Mercury Containing X	N Off-Specification Used Oil Burner
Equipment X	N Marketer Who Directs Off-Spec Oil to Burner
N Destination Facility for Universal W	Vaste N Marketer Who Claims Oil Meets Spec.

NAICS Co	de(s) for this	Location	;	Site Land Type:	4		
				Owner Type:	4	Owner Start Date:	11/21/1967
541720	0	0	0	Operator Type:	4	Operator Start Date:	01/01/2007

Comments: Company Contact: MICHAEL, WEIS

Title: C

Phone: 6303333281

Page:	0000)2	*Validate	d *			onmental Pr Waste Repo	otection Agency rt	
					Form	GM Gen	eration and	Management	
US EF	PAID:	IL689003	30046	IL. EPA ID	089010	5010			
SEC	TION	1. WAST	E DESCR	RIPTION					
A. Wa	ste Desc	ription:	MISC. A	EROSOLS	LAB PACK	ED			
B. EP	A Hazaro	lous Waste	Code(s):	D001	D035	D039	U226		
C. Sou	irce Cod	e:G	11	D. Form	n Code:	W801	Managem	ent Method:	
E. Wa	ste Mini	mization Co	de: X	<u> </u>					_
SEC	TION	2. OUAN	TITY GE	NERATI	ED:				
		Pounds (lbs			Density:	4 00	lb/gal .		
		`	Zurrent Repo	rting Year:		505.0			
.*	•		•	• •					
SEC.	TION	3: QUAN	TITY MA	ANAGED	ON-SITE	:			
Did the	is location ng, or di	on manage s sposal units	ome or all of at this locat	this waste i	n RCRA or U OT include R	IIC regulated CRA exempt	treatment, processes.)	N	
On-Sit	e Systen	11:Managen	ent Method	:	Quantity n	nanaged on-si	te this year:	0.0	
On-Sit	e System	n2:Manageп	ent Method	:	Quantity n	nanaged on-si	te this year:	0.0	
SEC	rion ²	4. OFF-SI	TE SHIP	MENT				· · · · · · · · · · · · · · · · · · ·	
	•			te this report	ing year?	Y.			
SITE 1			p p		B J o a				
В	. U.S. EI	PA ID No. o	f facility was	ste was shipp	ed to:	WID00396'	7148		
			d shipped to			H141			
D	. Total q	uantity ship	ped in this re	eporting year	·:		505.0		
SITE 2	:						·		
В	. U.S. EI	PA ID No. o	f facility was	te was shipp	ed to:				
Ç.	. Manage	ement metho	od shipped to):					
Ď	. Total q	uantity ship	ped in this re	eporting year	·:		0,0		
SITE 3				·					
В	. U.S. EI	PA ID No. o	f facility was	ste was shipp	ed to:				
C	. Manage	ement metho	od shipped to):			,		
D	. Total q	uantity ship	ped in this re	porting year	·:	, , , , , , , , , , , , , , , , , , ,	0.0		
SITE 4									
В.	U.S. EI	PA ID No. of	f facility was	te was shipp	ed to:				
C.	Manage	ement metho	od shipped to):					
D.	. Total q	uantity ship	ped in this re	porting year	:		0.0		
SITE 5									
B,	U.S. EI	A ID No. of	f facility was	te was shipp	ed to:				
C.	Мападе	ement metho	d shipped to	· :					
D.	Total q	uantity ship	oed in this re	porting year	:		0.0		
COMN	MENTS	: <u>Y</u>							

0890105010

FERMILAB WILSON RD P. O. BOX 500 ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report

IL

60510

COMMENTS:

BATAVIA

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H050

rage: 00005 *Valid	ated*	2018 H	azardous W	nmental Prot Vaste Report ration and M	ection Agency anagement
US EPA ID: IL6890030046	IL. EPA ID :	08901050			
SECTION 1. WASTE DES	CRIPTION				
A. Waste Description: MISC	. SMALL QUANT	TITIES LA	B PACKED		
B. EPA Hazardous Waste Code(s):					
C. Source Code: G11	D. Form C	ode :	W001	Managemen	Method:
E. Waste Minimization Code:	X			.	
					
SECTION 2. QUANTITY	GENERATED:	:			
A. UOM: 3. Pounds (lbs)		Density:	5.94 11	o/gal.	
B. Quantity Generated in Current R	leporting Year:	2	,583.0		
SECTION 2. OTTANTITY	መመል እንዲፈርነውነው <i>ፈ</i> ረነ	NT COMMONS			
SECTION 3: QUANTITY					
Did this location manage some or a recycling, or disposal units at this location	ll of this waste in Riccation? (DO NOT i	CRA or UK include RC	Cregulated tre RA exempt pr	eatment, ocesses)	N
On-Site System1:Management Metl			naged on-site		0.0
On-Site System2:Management Metl			naged on-site		0.0

SECTION 4. OFF-SITE SH	IPMENT				
A. Was any of this waste shipped of	if site this reporting	year?	Y		
SITE 1.			***************************************		
B. U.S. EPA ID No. of facility	waste was shipped	to:	WID0039671	48	
C.Management method shippe	d to:		H141		
D. Total quantity shipped in th	is reporting year:			2,080.0	
SITE 2.					
B. U.S. EPA ID No. of facility	waste was shipped	to:	ILD09864242	24	
C. Management method shippe	ed to:	_	H040		
D. Total quantity shipped in th	is reporting year:	_		274.0	
SITE 3.					•
B. U.S. EPA ID No. of facility	waste was shipped	to:			
 C. Management method shippe 	ed to:	_			
D. Total quantity shipped in th	is reporting year :			0.0	
SITE 4.					
B. U.S. EPA ID No. of facility	waste was shipped	to:			
C. Management method shippe	d to:	_			
D. Total quantity shipped in th	is reporting year :			0.0	
SITE 5.					
B. U.S. EPA ID No. of facility	waste was shipped	to:			
C. Management method shippe	d to:	.			
D. Total quantity shipped in th	is reporting year:	_		0.0	

COMMENTS: _N

rage. 00004 *Valle	dated*	2018 F	Hazardous	onmental Pro Waste Repor eration and N	
US EPA ID: IL6890030046	IL. EPA ID :	0890105			
SECTION 1. WASTE DE	SCRIPTION				
A. Waste Description: ACL	TE WASTE LAB	PACKED	٠		
B. EPA Hazardous Waste Code(s)					
C. Source Code: G11	D. Form	Code:	W004	Manageme	nt Method :
E. Waste Minimization Code:	X				
SECTION 2. QUANTITY	GENERATE	D:			
A. UOM: 3. Pounds (lbs)		Density:	2.00	lb/gal.	
B. Quantity Generated in Current	Reporting Year:		1.0	O	
SECTION 3: QUANTITY	MANAGED (ON_SITE	•		
Did this location manage some or				reatment.	N
recycling, or disposal units at this	location? (DO NO	Γinclude R	CRA exempt	processes.)	
On-Site System1:Management Me		Quantity m	nanaged on-sit	e this year:	0.0
On-Site System2:Management Me	thod:	Quantity m	nanaged on-sit	e this year :	0.0
SECTION 4. OFF-SITE SI	HIPMENT				
A. Was any of this waste shipped of	off site this reporting	ng year?	Y.		
SITE 1.	•				
B. U.S. EPA ID No. of facility	waste was shippe	d to:	WID003967	7148	
C.Management method shipp	·		H141		
D. Total quantity shipped in t	his reporting year :			1.0	
SITE 2.				<u> </u>	
B. U.S. EPA ID No. of facility	waste was shippe	d to:			
C. Management method shipp	ed to:				
D. Total quantity shipped in t	his reporting year:			0.0	
SITE 3.					
B. U.S. EPA ID No. of facility	waste was shippe	d to:			
C. Management method shipp		•			
D. Total quantity shipped in t	his reporting year:			0.0	
SITE 4.					
B. U.S. EPA ID No. of facility	waste was shippe	d to:			
C. Management method shipp				····	
D. Total quantity shipped in the	his reporting year :			0,0	
SITE 5.					
B. U.S. EPA ID No. of facility	waste was shippe	d to:			
C. Management method shipp					
D. Total quantity shipped in the					

COMMENTS:

N

Page:	00005	*Validated*		2018 F	lazard	nvironmental l ous Waste Rep Generation an	ort	
US EPA	ND: 1L68	390030046 IL.	EPA ID:	0890103			8	
SECT	ION 1. W.	ASTE DESCRI	PTION					
	te Description:			RINSEV	VATER			
	Hazardous W		D002	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	ce Code :	G09	D. Form	Code:	W105	Manage	ment Method :	
E. Wast	e Minimizatio	on Code: X	•	· -	·			_
SECT	ION 2. QU	JANTITY GEN	ERATEL):				
A. UON	1: 1. Gallon	S		Density:		8.34 lb/gal.		
B. Quar	ntity Generated	in Current Reporting	ig Year:		120.0			
~~ ~~						•		
		JANTITY MAN						
Did this recyclin	location mana g, or disposal	age some or all of the units at this location	s waste in l ? (DO NOT	RCRA or U include Re	IIC regul CRA exe	ated treatment, empt processes.)	N	
On-Site	System1:Man	agement Method:		Quantity m	nanaged i	on-site this year:		0.0
On-Site	System2:Man	agement Method:		Quantity m	nanaged o	on-site this year:		0.0
SECT	ION 4. OF	F-SITE SHIPM	ENT					
A. Was	any of this wa	ste shipped off site t	his reportin	g vear?	}	7:		
SITE 1.		••	. ,					
В.	U.S. EPA ID 1	No. of facility waste	was shipped	to:	WID00	93967148		
		nethod shipped to:	• •		H141			
D.	Total quantity	shipped in this repo	rting year:			120.0		
SITE 2.								
В.	U.S. EPA ID 1	No. of facility waste	was shipped	l to :				
C. 1	Management r	nethod shipped to:						
D.	Total quantity	shipped in this repo	rting year :			0.0		
SITE 3.								
В.	U.S. EPA ID 1	No. of facility waste	was shipped	l to :				
		nethod shipped to:						
D.	Total quantity	shipped in this repo	rting year:			0.0		
SITE 4.								
В.	U.S. EPA ID 1	No. of facility waste	was shipped	l to :		•		
		nethod shipped to:	• •					
	*	shipped in this repo	rting year :			0.0		
SITE 5.		_						
	U.S. EPA ID N	No. of facility waste	was shipped	l to ;				
		nethod shipped to:						
	. +.	shipped in this repo	rting vear:			0.0		

COMMENTS: Y

0890105010

FERMILAB WILSON RD P.O. BOX 500 **BATAVIA**

ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report

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COMMENTS:

Section 1, D

Waste Source Code: G09 - Rinse water containing trace amounts of hydrofluoric, nitric, phosphoric and sulfuric acid.

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H132

Page: 00006 *Validated*	ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report Form GM Generation and Management
US EPA ID : IL. EPA ID :	0890105010
SECTION 1. WASTE DESCRIPTION	
A. Waste Description: COMBUSTIBLE MO	TOR OIL & DIESEL FUEL
B. EPA Hazardous Waste Code(s): D001	
C. Source Code: G19 D. Form	Code: W206 Management Method:
E. Waste Minimization Code: X	
SECTION 2. QUANTITY GENERATEI	D:
A. UOM: 1. Gallons	Density: 7.20 lb/gal.
B. Quantity Generated in Current Reporting Year:	.55.0
SECTION 3: QUANTITY MANAGED (ON-SITE:
Did this location manage some or all of this waste in recycling, or disposal units at this location? (DO NOT	RCRA or UIC regulated treatment, Ν Γ include RCRA exempt processes.)
On-Site System1:Management Method:	Quantity managed on-site this year: 0.0
On-Site System2:Management Method:	Quantity managed on-site this year: 0.0
SECTION 4. OFF-SITE SHIPMENT	
A. Was any of this waste shipped off site this reportin	ng year? Y
SITE 1.	<u> </u>
B. U.S. EPA ID No. of facility waste was shipped	d to: WID003967148
C.Management method shipped to:	H141
D. Total quantity shipped in this reporting year :	55.0
SITE 2.	
B. U.S. EPA ID No. of facility waste was shipped	d to:
C. Management method shipped to:	The state of the s
D. Total quantity shipped in this reporting year :	0.0
SITE 3.	
B. U.S. EPA ID No. of facility waste was shipped	d to:
C. Management method shipped to:	
D. Total quantity shipped in this reporting year:	0.0
SITE 4.	
B. U.S. EPA ID No. of facility waste was shipped	d to:
C. Management method shipped to:	**************************************
D. Total quantity shipped in this reporting year :	0.0
SITE 5.	
B. U.S. EPA ID No. of facility waste was shipped	d to:
C. Management method shipped to:	·
D. Total quantity shipped in this reporting year :	0.0

COMMENTS: Y

0890105010

FERMILAB WILSON RD P.O. BOX 500 **ILLINOIS Environmental Protection Agency**

2018 Hazardous Waste Report

BATAVIA

 \mathbf{IL} 60510

COMMENTS:

Section 1, C.

Source Code: G19 - Diesel fuel contaminated engine oil drained from crank case

Page: 00007 *Validated* **ILLINOIS Environmental Protection Agency** 2018 Hazardous Waste Report Form GM -- Generation and Management IL6890030046 US EPA ID: IL. EPA ID: 0890105010 SECTION 1. WASTE DESCRIPTION A. Waste Description: CORROSIVE CONCENTRATED ACID FOR ECHING B. EPA Hazardous Waste Code(s): D002 C. Source Code: D. Form Code: W103 Management Method: E. Waste Minimization Code: **SECTION 2. QUANTITY GENERATED:** A. UOM: 3. Pounds (ibs) Density: B. Quantity Generated in Current Reporting Year: 6,815.0 SECTION 3: QUANTITY MANAGED ON-SITE: Did this location manage some or all of this waste in RCRA or UIC regulated treatment, N recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) On-Site System I: Management Method: Quantity managed on-site this year: 0.0 On-Site System2:Management Method: Quantity managed on-site this year: 0.0 SECTION 4. OFF-SITE SHIPMENT A. Was any of this waste shipped off site this reporting year? Y SITE 1. B. U.S. EPA ID No. of facility waste was shipped to: WID003967148 C.Management method shipped to: H141 D. Total quantity shipped in this reporting year: 6.054.0 SITE 2. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0 SITE 3. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0 SITE 4. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0SITE 5. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to:

0.0

D. Total quantity shipped in this reporting year:

COMMENTS:

0890105010

FERMILAB WILSON RD P.O. BOX 500 **BATAVIA**

ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report

IL

60510

COMMENTS:

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H132

Page: 00008	*Validated*	2018 Hazardous V	nmental Protection Agency Vaste Report ration and Management
US EPA ID: IL6890	030046 IL. EPA ID :	0890105010	
SECTION 1. WAS	TE DESCRIPTION		
A. Waste Description:	TOXIC LEAD CONTA	AMINATED SOLIDS	•
B. EPA Hazardous Waste			
C. Source Code:	D. Form (Code: W002	Management Method:
E. Waste Minimization (Code: X	,	
and the second s	NTITY GENERATED):	
A. UOM: 3. Pounds (1		Density: 1.61	b/gal .
B. Quantity Generated in	Current Reporting Year:	89.0	
SECTION 3: OUA	NTITY MANAGED O	N-SITE:	
	some or all of this waste in I		entment BY
recycling, or disposal uni	its at this location? (DO NOT	include RCRA exempt pr	eatment, Nocesses.)
On-Site System1:Manage	ment Method:	Quantity managed on-site	this year: 0.0
On-Site System2:Manage	ment Method :	Quantity managed on-site	this year: 0.0
SECTION 4. OFF-S	SITE SHIPMENT		
A. Was any of this waste	shipped off site this reporting	g year? Y	
SITE 1.	-		
B. U.S. EPA ID No.	of facility waste was shipped	i to : WID0039671	48
C.Management meth		H141	· · · · · · · · · · · · · · · · · · ·
D. Total quantity shi	ipped in this reporting year:	 	89.0
SITE 2.			
B. U.S. EPA ID No.	of facility waste was shipped	i to :	
C. Management met	hod shipped to:		
D. Total quantity shi	ipped in this reporting year:	 	0.0
SITE 3.			
B. U.S. EPA ID No.	of facility waste was shipped	i to :	
C. Management met		**	
D. Total quantity shi	ipped in this reporting year :	 	0.0
SITE 4.			
B. U.S. EPA ID No.	of facility waste was shipped	l to :	
C. Management met			
	ipped in this reporting year:		0.0
SITE 5.			
B. U.S. EPA ID No.	of facility waste was shipped	l to :	
C. Management met			
	ipped in this reporting year:		0.0

COMMENTS: N

Page: 00009 *Validated* **ILLINOIS Environmental Protection Agency** 2018 Hazardous Waste Report Form GM - Generation and Management IL EPA ID: US EPA ID: IL6890030046 0890105010 SECTION 1. WASTE DESCRIPTION A. Waste Description: TOXIC LEAD CONT. MACHINE COOLANT & WATER B. EPA Hazardous Waste Code(s): D008 C. Source Code: D. Form Code: W113 Management Method: E. Waste Minimization Code: **SECTION 2. QUANTITY GENERATED:** A. UOM: 1. Gallons Density: 8.34 lb/gal. B. Quantity Generated in Current Reporting Year: 165.0 SECTION 3: QUANTITY MANAGED ON-SITE: Did this location manage some or all of this waste in RCRA or UIC regulated treatment, N recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) On-Site System1:Management Method: Quantity managed on-site this year: 0.0 On-Site System2:Management Method: Quantity managed on-site this year: 0.0SECTION 4. OFF-SITE SHIPMENT A. Was any of this waste shipped off site this reporting year? Y SITE 1. B. U.S. EPA ID No. of facility waste was shipped to: WID003967148 C.Management method shipped to: H141 D. Total quantity shipped in this reporting year: 165.0 SITE 2. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0SITE 3. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0 SITE 4. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year : 0.0 SITE 5. B. U.S. EPA ID No. of facility waste was shipped to:

0.0

C. Management method shipped to:

COMMENTS:

D. Total quantity shipped in this reporting year :

IL6 890 030 046

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FERMILAB WILSON RD P. O. BOX 500 BATAVIA

ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report

IL 60510

COMMENTS:

Section 1, C.

Source Code: G19 - Coolant change out from machine tools i.e., grinders, mills, lathes used to machine metals containing lead.

00010 *Validated* Page: **ILLINOIS Environmental Protection Agency** 2018 Hazardous Waste Report Form GM - Generation and Management US EPA ID: IL6890030046 IL. EPA ID: 0890105010 SECTION 1. WASTE DESCRIPTION A. Waste Description: FLAMMABLE TOXIC SOLVENT CONTAMINATED WIPES/RAGS B. EPA Hazardous Waste Code(s): D001 F003 C. Source Code: D. Form Code: W002 Management Method: E. Waste Minimization Code: **SECTION 2. QUANTITY GENERATED:** A. UOM: 3. Pounds (lbs) Density: 1.38 lb/gal. B. Quantity Generated in Current Reporting Year: 1.068.0 **SECTION 3: QUANTITY MANAGED ON-SITE:** Did this location manage some or all of this waste in RCRA or UIC regulated treatment, N recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) On-Site System1:Management Method: Quantity managed on-site this year: 0.0On-Site System2:Management Method: Quantity managed on-site this year: 0.0 **SECTION 4. OFF-SITE SHIPMENT** A. Was any of this waste shipped off site this reporting year? Y SITE 1. B. U.S. EPA ID No. of facility waste was shipped to: WID003967148 C.Management method shipped to: H141 D. Total quantity shipped in this reporting year: 1,068.0 SITE 2. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0 SITE 3. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0. SITE 4. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0 SITE 5. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to:

0.0

D. Total quantity shipped in this reporting year:

COMMENTS:

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FERMILAB WILSON RD P. O. BOX 500 ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report

BATAVIA

IL 60510

COMMENTS:

Section 1, C.

Source Code: G19 - Rags generated from cleaning machined parts, glassware, and bench tops.

Section 4, Site 2, C

Management Method H141 - Shipped to Management Method H050

rage: "Validated"	ILLINOIS Environmental Protection Age 2018 Hazardous Waste Report Form GM — Generation and Managemen
US EPA ID : IL. EPA ID :	0890105010
SECTION 1. WASTE DESCRIPTION	
A. Waste Description: REACTIVE, TOXIC P	OWER LOADS
B. EPA Hazardous Waste Code(s): D001	D002 D008
C. Source Code: G11 D. Form C	Code: W319 Management Method:
E. Waste Minimization Code: X	
SECTION 2. QUANTITY GENERATED	: -
A. UOM: 3. Pounds (lbs)	Density: 3.30 lb/gal.
B. Quantity Generated in Current Reporting Year:	10.0
CECTION 2: OTIANTITY MANAGED O	ONE CHARGO.
SECTION 3: QUANTITY MANAGED O Did this location manage some or all of this waste in R	an i i i i i i i i i i i i i i i i i i i
recycling, or disposal units at this location? (DO NOT	RCRA or UIC regulated treatment, N include RCRA exempt processes.)
On-Site System1:Management Method:	Quantity managed on-site this year: 0.
On-Site System2:Management Method:	Quantity managed on-site this year: 0.
SECTION 4. OFF-SITE SHIPMENT	
A. Was any of this waste shipped off site this reporting	g year? Y
SITE 1.	
B. U.S. EPA ID No. of facility waste was shipped	to; ILD098642424
C.Management method shipped to:	H040
D. Total quantity shipped in this reporting year:	10.0
SITE 2.	
B. U.S. EPA ID No. of facility waste was shipped	. to :
C. Management method shipped to:	
D. Total quantity shipped in this reporting year:	0.0
SITE 3.	
B. U.S. EPA ID No. of facility waste was shipped	to:
C. Management method shipped to:	
D. Total quantity shipped in this reporting year:	0.0
SITE 4.	
B. U.S. EPA ID No. of facility waste was shipped	to:
C. Management method shipped to:	
D. Total quantity shipped in this reporting year:	0.0
SITE 5.	· ·
B. U.S. EPA ID No. of facility waste was shipped	i to :
C. Management method shipped to:	
D. Total quantity shipped in this reporting year	0.0

COMMENTS: Y

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FERMILAB WILSON RD P. O. BOX 500 BATAVIA ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report

IL 60510

COMMENTS:

Section 1, C.

Form Code: W 319 - Cartridges for HILTI tool. Cartridges contain powder containing glyceroltrinittate, SINTOX, glycerol trinitrate and diphenylamine

rage:	** *Validated*		ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report Form GM — Generation and Management					
US EPA	ND: 1L6890	030046 B	L. EPA ID:	089010	5010		•	
SECT	ION 1. WAS	TE DESCR	IPTION					
A. Wasi	te Description:	CORROS	IVE CAUST	IC SOLU	TION FOR	ETCHING		
B. EPA	Hazardous Waste		D002					
C. Sour	ce Code :G	04	D. Form (Code :	W110	Manageme	ent Method :	
E. Wast	e Minimization C	Code: X			······································	v		
SECT	ION 2. QUA	NTITY GEN	NERATED) <u>:</u> -				
A. UOM	1: 1. Gallons			Density:	9.50	lb/gal.		
B. Quan	tity Generated in	Current Report	ing Year :	-	30.0	~		
SECT	ION 3: QUA	NTITY MA	NACED O	N CITE				
	location manage					tudatus sist	~~	
recyclin	g, or disposal unit	ts at this location	n? (DO NOT	include R	CRA exempt	processes.)	N	
	System1:Manage					ite this year:	0.0	
On-Site	System2:Manage	ment Method:		Quantity m	anaged on-si	ite this year:	0.0	
SECT:	ION 4. OFF-S	SITE SHIPM	TENT					
	any of this waste			véar?	Y			
SITE 1.	,	ambhan air pirò	ans reporting	5 years				
	Ú.S. EPA ID No.	of facility waste	was shinned	to :	WID00396	71.40		
B. U.S. EPA ID No. of facility waste was shipped to: C.Management method shipped to:					H141	7146		
D. Total quantity shipped in this reporting year:					77147	30.0		
SITE 2.	· ·	., ,				20.0		
В. Т	U.S. EPA ID No.	of facility waste	was shipned	to:				
C. Management method shipped to:								
D. '	Fotal quantity shi	pped in this rep	orting year:			0.0		
SITE 3.								
В. Т	J.S. EPA ID No.	of facility waste	was shipped	to:				
	Management meth					· · · · · · · · · · · · · · · · · · ·		
D. 7	Total quantity ship	pped in this rep	orting year :			0.0		
SITE 4.		.*						
B. t	J.S. EPA ID No. (of facility waste	was shipped	to:				
C. Management method shipped to:					·			
D. 1	Fotal quantity ship	pped in this rep	orting year:			0.0		
SITE 5.						· · · · · · · · · · · · · · · · · · ·		
В. Т	J.S. EPA ID No. (of facility waste	was shipped	to:				
	Management meth							
	Total quantity ship		orting year:			0.0		

COMMENTS: Y

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FERMILAB WILSON RD P. O. BOX 500 BATAVIA

ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report

IL 60510

COMMENTS:

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H120

Page: 00013

COMMENTS:

Validated

ILLINOIS Environmental Protection Agency

	2018 Hazardous Waste Report				
US EPA ID: IL6890030046 IL. EPA ID:	Form GM Generation and Management 0890105010				
SECTION 1. WASTE DESCRIPTION	0890102010				
	CAMPA A MODE OF A DEPOS OF ONE				
· ·	ENTRATED SULFURIC ACID				
B. EPA Hazardous Waste Code(s): D002 C. Source Code: G32 D. Form	Color William Advantage				
the state of the s	Code: W103 Management Method:				
E. Waste Minimization Code: X					
SECTION 2. QUANTITY GENERATEI);				
A. UOM: 3. Pounds (lbs)	Density: 15.30 lb/gal.				
3. Quantity Generated in Current Reporting Year:	1,343.0				
	·				
SECTION 3: QUANTITY MANAGED (
Did this location manage some or all of this waste in ecycling, or disposal units at this location? (DO NOT	RCRA or UIC regulated treatment, include RCRA exempt processes.)				
On-Site System1:Management Method: H142	Quantity managed on-site this year: 404.0				
On-Site System2:Management Method:	Quantity managed on-site this year: 0.0				
CECTION A OFF CITE CITION TENT					
SECTION 4. OFF-SITE SHIPMENT	~				
A. Was any of this waste shipped off site this reporting	g year? Y				
BITE I.	A. TANTO COOR COLLEGE				
B. U.S. EPA ID No. of facility waste was shippe C.Management method shipped to:					
D. Total quantity shipped in this reporting year:	H141				
SITE 2.	939.0				
B. U.S. EPA ID No. of facility waste was shippe	dito :				
C. Management method shipped to:					
D. Total quantity shipped in this reporting year:	0.0				
SITE 3.	0.0				
B. U.S. EPA ID No. of facility waste was shippe	dito :				
C. Management method shipped to:					
D. Total quantity shipped in this reporting year :	0.0				
SITE 4.	0.0				
B. U.S. EPA ID No. of facility waste was shippe	d to "				
C. Management method shipped to:					
D. Total quantity shipped in this reporting year :	0.0				
SITE 5.					
B. U.S. EPA ID No. of facility waste was shippe	d to :				
C. Management method shipped to:					
D. Total quantity shipped in this reporting year:	0.0				

Page: 00014 *Validated* **ILLINOIS Environmental Protection Agency** 2018 Hazardous Waste Report Form GM - Generation and Management US EPA ID: IL6890030046 IL. EPA ID: 0890105010 SECTION 1. WASTE DESCRIPTION A. Waste Description: CORROSIVE ACIDIC CLEANING SOLUTION B. EPA Hazardous Waste Code(s): C. Source Code: D. Form Code: W103 Management Method: E. Waste Minimization Code: SECTION 2. QUANTITY GENERATED: A. UOM: 1. Gallons Density: 10.00 lb/gal. B. Quantity Generated in Current Reporting Year: 55.0 **SECTION 3: QUANTITY MANAGED ON-SITE:** Did this location manage some or all of this waste in RCRA or UIC regulated treatment, N recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) On-Site System1: Management Method: Quantity managed on-site this year: 0.0 On-Site System2: Management Method: Quantity managed on-site this year: 0.0 **SECTION 4. OFF-SITE SHIPMENT** A. Was any of this waste shipped off site this reporting year? Y SITE I. B. U.S. EPA ID No. of facility waste was shipped to: WID003967148 C.Management method shipped to: H141 D. Total quantity shipped in this reporting year : 55.0 SITE 2. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0SITE 3. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0 SITE 4. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0SITE 5. B. U.S. EPA ID No. of facility waste was shipped to:

0.0

C. Management method shipped to:

COMMENTS:

D. Total quantity shipped in this reporting year:

Page: 00015 *Validated* **ILLINOIS Environmental Protection Agency** 2018 Hazardous Waste Report Form GM -- Generation and Management US EPA ID: IL6890030046 IL. EPA ID: 0890105010 SECTION 1. WASTE DESCRIPTION A. Waste Description: TOXIC COMBUSTIBLE PARTS WASHER SOLVENT B. EPA Hazardous Waste Code(s): C. Source Code: D. Form Code: W211 Management Method: E. Waste Minimization Code: **SECTION 2. QUANTITY GENERATED:** A. UOM: 1. Gallons Density: 6.70 lb/gal. B. Quantity Generated in Current Reporting Year: 45.0 SECTION 3: QUANTITY MANAGED ON-SITE: Did this location manage some or all of this waste in RCRA or UIC regulated treatment, N recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) On-Site System1:Management Method: Quantity managed on-site this year: 0.0On-Site System2:Management Method: Quantity managed on-site this year: 0.0 SECTION 4. OFF-SITE SHIPMENT A. Was any of this waste shipped off site this reporting year? Y SITE 1. B. U.S. EPA ID No. of facility waste was shipped to: ILD000805911 C.Management method shipped to: H141 D. Total quantity shipped in this reporting year: 45.0 SITE 2. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0SITE 3. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0SITE 4. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0 SITE 5. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to:

0.0

D. Total quantity shipped in this reporting year:

COMMENTS:

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FERMILAB WILSON RD **ILLINOIS** Environmental Protection Agency 2018 Hazardous Waste Report

P.O. BOX 500

BATAVIA

 \mathbf{IL} 60510

COMMENTS:

Section 4, Site 1, C

Management Method H141 - Shipped to Management Method H020

00016 Page: *Validated* **ILLINOIS** Environmental Protection Agency 2018 Hazardous Waste Report Form GM -- Generation and Management US EPA ID: IL6890030046 IL. EPA ID: 0890105010 SECTION 1. WASTE DESCRIPTION A. Waste Description: CORROSIVE TOXIC PAINT REMOVAL DEBRIS B. EPA Hazardous Waste Code(s): D002 D008 C. Source Code: D. Form Code: G02 W002 Management Method: E. Waste Minimization Code: SECTION 2. QUANTITY GENERATED: A. UOM: 3. Pounds (lbs) Density: 4.00 lb/gal. B. Quantity Generated in Current Reporting Year: 431.0 SECTION 3: QUANTITY MANAGED ON-SITE: Did this location manage some or all of this waste in RCRA or UIC regulated treatment, N recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) On-Site System1: Management Method: Quantity managed on-site this year: 0.0On-Site System2:Management Method: Quantity managed on-site this year: 0.0 SECTION 4. OFF-SITE SHIPMENT A. Was any of this waste shipped off site this reporting year? N SITE 1. B. U.S. EPA ID No. of facility waste was shipped to: C.Management method shipped to: D. Total quantity shipped in this reporting year: 0.0 SITE 2. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0 SITE 3. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0 SITE 4. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year:

SITE 5.

COMMENTS:

B. U.S. EPA ID No. of facility waste was shipped to:

D. Total quantity shipped in this reporting year :

C. Management method shipped to:

0.0

0.0

00017 Page: *Validated* ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report Form GM -- Generation and Management US EPA ID: IL6890030046 IL, EPA ID: 0890105010 **SECTION 1. WASTE DESCRIPTION** A. Waste Description: MIXED WASTE LEAD CONTAINING ACCELERATOR COMPONENTS B. EPA Hazardous Waste Code(s): D008 C. Source Code: D. Form Code: W319 Management Method: E. Waste Minimization Code: **SECTION 2. QUANTITY GENERATED:** A. UOM: 3. Pounds (lbs) Density: 10.00 lb/gal. B. Quantity Generated in Current Reporting Year: 0.0**SECTION 3: QUANTITY MANAGED ON-SITE:** Did this location manage some or all of this waste in RCRA or UIC regulated treatment, Y recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) On-Site System1: Management Method: H143 Quantity managed on-site this year: 160.0 On-Site System2:Management Method: Quantity managed on-site this year: 0.0 **SECTION 4. OFF-SITE SHIPMENT** A. Was any of this waste shipped off site this reporting year? N SITE 1. B. U.S. EPA ID No. of facility waste was shipped to: C.Management method shipped to: D. Total quantity shipped in this reporting year: 0.0 SITE 2. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0 SITE 3. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0 SITE 4. B. U.S. EPA ID No. of facility waste was shipped to: C. Management method shipped to: D. Total quantity shipped in this reporting year: 0.0SITE 5. B. U.S. EPA ID No. of facility waste was shipped to:

0.0

C. Management method shipped to:

COMMENTS:

D. Total quantity shipped in this reporting year:

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FERMILAB WILSON RD

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ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report

IL 60510

COMMENTS:

Section 1, D

Waste Form Code: W319 - Radioactive accelerator components containing lead.

Page#: 00002 *Validated*

ILLINOIS Environmental Protection Agency 2018 Hazardous Waste Report Form TI - Transporter Identification

U,	S EPA ID: IL689	0030046 ILEP/	A ID: 0890105010	
1.	U.S. EPA ID N	NJD080631369	Hauling Permit	5176
2.	U.S. EPA ID N	TXR000081205	Hauling Permit	1123
3.	U.S. EPA ID N		Hauling Permit	
4.	U.S. EPA ID N		Hauling Permit	
5.	U.S. EPA ID N	·	Hauling Permit	
6.	U.S. EPA ID N		Hauling Permit	-
7.	U.S. EPA ID N		Hauling Permit	
8.	U.S. EPA ID N		Hauling Permit	

Comments: N

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IC Page No.: 00001 Passed Validation.
IC Records Passed Validation: 1
IC Records Failed Validation: 0
GM Page No.: 00002 Passed Validation.
GM Page No.: 00003 Passed Validation.
GM Page No.: 00004 Passed Validation.
GM Page No.: 00005 Passed Validation.
GM Page No.: 00006 Passed Validation.
GM Page No.: 00007 Passed Validation.
GM Page No.: 00008 Passed Validation.
GM Page No.: 00009 Passed Validation.
GM Page No : 00010 Passed Validation.
GM Page No.: 00011 Passed Validation.
GM Page No.: 00012 Passed Validation.
GM Page No.: 00013 Passed Validation.
GM Page No.: 00014 Passed Validation.
GM Page No.: 00015 Passed Validation.
GM Page No.: 00016 Passed Validation.
GM Page No.: 00017 Passed Validation.
GM Records Passed Validation: 16
GM Records Failed Validation: 0
TI Page No.: 00002 Passed Validation.
TI Records Passed Validation: 1
TI Records Failed Validation : 0
ERROR(s) on Form 'WR' Page No.: 00002
 Generator US EPA ID Cannot be empty !
 Generator IL. EPA ID Cannot be empty !
Unit of Measure - 1. Must Be 1,2 or 3. Not empty
Waste 1 Density Must Be Greater Than Zero!
WR Records Passed Validation: 0
WR Records Failed Validation: 1
```